



Euchone limnicola

Fanworm

Threat Scores

1. Ecological Impact
 - Outcompetes native species; changes tube building consolidates sediments, thereby altering the habitat for other organisms
 - Has become abundant in Port Phillip Bay, Australia and are contributing to long-term and probably irreversible changes to the ecology of Port Phillip Bay
 - Densities exceed 2000/sq. m in Portland Harbor
2. Invasive Potential
 - A fouling organism requiring assisted transport to expand alien range
 - Some concern that tidal flushing may also be responsible for localized spreading of this invasive from introduced sites in alien habitats
3. Geographic Extent
 - Regionally pervasive
4. Management Difficulty
 - Considered long term and probably irreversible changes to the ecology of Port Phillip Bay, Australia
 - No known predators



Geography and Habitat

1. Native: Pacific Coast - Southern California, Australia
2. Introduced: Northern California
3. Habitats
 - Marine, coastland, estuaries/bays, intertidal zones, benthic
 - Burrows into soft sediments, secreting a mucous layer to enable it to build firm burrow walls
 - Found sub-tidally to 24m in Port Phillip Bay, Australia

Invasion Pathways

1. Ballast water and sediments

Non-Native Locations

1. 58- Northern California

Sources

1. Molnar, Jennifer et al. 2008. Assessing the global threat of invasive species to marine biodiversity. *Frontiers in ecology and the environment*. Vol. 6, No. 9, pp. 485-492.
2. <http://conserveonline.org/workspaces/global.invasive.assessment>
3. http://content3.eol.org/content/2010/01/12/12/76001_large.jpg